

## **ABSTRACT**

One embodiment of the invention provides a computer system that is operable to invoke multiple executions of an analytical task in response to receiving a request for analytical information from a front-end software application. In this embodiment, the  
5 computer system is programmed to use the request to identify a first input value, and invoke a first execution of the analytical task by providing the first input value to a first analytical engine. The computer system is further programmed to identify a second input value, and invoke a second execution of the analytical task by providing both the first and second input values to a second analytical engine.

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